



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/766,082	01/28/2004	Alice Steinglass	13768.810.66	2408
47973	7590	07/09/2007	EXAMINER	
WORKMAN NYDEGGER/MICROSOFT			PERUNGAVOOR, VENKATANARAY	
1000 EAGLE GATE TOWER				
60 EAST SOUTH TEMPLE			ART UNIT	
SALT LAKE CITY, UT 84111			PAPER NUMBER	
			2132	
			MAIL DATE	
			DELIVERY MODE	
			07/09/2007	
			PAPER	

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

10/766,082

Applicant(s)

STEINGLASS ET AL.

Examiner

Venkat Perungavoor

Art Unit

2132

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 28 January 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>5/17/04</u> (MODIFIED 1/4/05) | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by US Patent 6832178 to Fernandez et al.(hereinafter Fernandez).
3. Regarding Claim 1, 11, Fernandez discloses the plurality of interfaces that receives instructions, each enabling a user interface feature, wherein the plurality of interfaces module(Fig. 2 item 46, 48, 50, 52, 42, 44) can be selectively invoked by user interface engine(Fig. 5A & Fig. 4) that receives the instruction for controlling a program see Col 3 Ln 44-54 & Col 6 Ln 25-35; interface causing the plurality of interfaces modules to perform data function wherein the data function does not involve the sensory interaction with user see Fig. 2 item 34; causing a user interface plug-in module to perform a sensory function of the user interface feature, wherein sensory function involves sensory interaction with user, wherein sensory function based on data on modules and predefined sensory data, independent of modules see Fig. 3 item 66 & Col 3 Ln 60- Col 4 Ln 11.

Art Unit: 2132

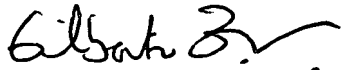
4. Regarding Claim 2, 13, Fernandez discloses the communication plug-in modules(Fig. 2 item 46, 48, 50, 52, 42, 44) and plurality of interface modules(see Fig. 4 item 88); computing resources allocated for interface modules and plug-in module see Col 2 Ln 5-23; communication interface conformance between the controlling program and the interface engine see Fig. 5B & Col 4 Ln 40-67.
5. Regarding Claim 3, 14, Fernandez discloses the controlling program being a game, application and a operating system see Col 7 Ln 43-57.
6. Regarding Claim 4, 15, Fernandez disclose the network interface for communication see Fig. 2 item 24; a data entry feature for enabling user to enter data see Fig. 2 item 54 ; a data display feature for enabling user to view the data see Fig. 2 item 32; an audio feature see item 44.
7. Regarding Claim 5, 16, Fernandez discloses the visual display to the user see Fig.2 item 32 ; animation sequence/ audio simulation to the user see Col 2 Ln 30-35; and detecting input by the user see Col 2 Ln 15-24.
8. Regarding Claim 6, 17, Fernandez discloses the sensory data being layout data, image data, text, font data and audio data see Col 2 Ln 36-48.

9. Regarding Claim 7-8, 18, Fernandez discloses the sensor and the interface communicating with each other see Fig. 4 and further of the predetermined set of information being used for communications see Fig. 3 item 62, 64, 66, 68, 70.
10. Regarding Claim 9, 19, Fernandez discloses the upgrading of set of sensory data see Fig. 3 item 76.
11. Regarding Claim 10, 20, Fernandez discloses the adding of user modules and replacing of modules for sensory operation see Fig. 3 item 56, 58, 74.
12. Regarding Claim 11, Fernandez discloses the processor see Fig. 2 item 30; display in communication with processor and speaker see Fig. 2 item 26, 32; memory for storing data see Fig. 2 item 28; the plurality of interfaces that receives instructions, each enabling a user interface feature, wherein the plurality of interfaces module(Fig. 2 item 46, 48, 50, 52, 42, 44) can be selectively invoked by user interface engine(Fig. 5A & Fig. 4) that receives the instruction for controlling a program see Col 3 Ln 44-54 & Col 6 Ln 25-35; interface causing the plurality of interfaces modules to perform data function wherein the data function does not involve the sensory interaction with user see Fig. 2 item 34; causing a user interface plug-in module to perform a sensory function of the user interface feature, wherein sensory function involves sensory interaction with user, wherein sensory function based on data on modules and predefined sensory data, independent of modules see Fig. 3 item 66 & Col 3 Ln 60- Col 4 Ln 11.

***Conclusion***

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Venkat Perungavoor whose telephone number is 571-272-7213. The examiner can normally be reached on 8:30-5:00. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.
14. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/VP/  
Venkat Perungavoor  
Examiner  
Art Unit 2132  
July 3, 2007

  
GILBERTO BARRON JR  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100